

## IN THE CLAIMS

~~In Claim 1, line 1, after "vaccine", delete "based on" and substitute therefor -- comprising --.~~

~~In Claim 4, line 1, after "Claim 1" delete "characterized in that" and substitute therefor -- wherein --.~~

~~In Claim 5, line 1, after "Claim 4" delete "characterized in that" and substitute therefor -- wherein --.~~

~~In Claim 6, after "of" delete "Claims 1" and substitute therefor --Claim 1--.~~

~~In Claim 13, line 1, after "Claim 2" delete "characterized in that" and substitute therefor --wherein--.~~

~~In Claim 14, line 1, after "Claim 3" delete "characterized in that" and substitute therefor --wherein--.~~

~~In Claim 24, line 1, at the beginning, delete "A system" and substitute therefor -- An article of matter --.~~

~~In Claim 25, line 1, at the beginning, delete "A system" and substitute therefor -- An article of matter --.~~

~~In Claim 26, line 1, after "producing", delete "a system" and substitute therefor --an article of matter--. Also in Claim 26, line 3, after "in" delete "a product" and substitute therefor --the article --.~~

~~In Claim 27, line 1, after "producing", delete "a system" and substitute therefor --an article of matter--. Also in Claim 27, line 3, after "in" delete "a product" and substitute therefor --the article--.~~

## REMARKS

Claims 1-27, which are in the application, stand rejected under the second paragraph of 35 USC 112, 35 USC 101, and 35 USC 103. By the above amendments and discussions, Applicants have overcome the 35 USC 112, and 35 USC 101 rejections.

Before addressing the above rejections, Applicants note their compliance with the requirements for submission of Sequence Listings set forth in 37 CFR 1.821 to 1.825 by submitting herewith a copy of the Sequence Listing in computer readable and paper forms. Applicants by their attorney further state that the information in the Mo5092